

Claims

[c1] WHAT IS CLAIMED IS:

1. A terminal pin corrosion resistant connector for permanent mounting on a printed circuit board comprising: a connector body having a plurality of bores for receiving a plurality of male terminal pins, and having located on the surface of said connector body adapted for mounting on said printed circuit board, around each opening of each of said bores tubular projections extending a desired distance outward from said body, and having integral supports stanchions extending outward from said surface adapted for mounting on said printed circuit board of said body a distance greater than the desired distance of said tubular projections; a plurality of male terminal pins having two ends mounted in said plurality of bores in said connector body further characterized as having a male terminal adapted to accept a complimentary female terminal plug on one end and a male terminal adapted to be fixedly mounted thorough bores in a printed circuit board on the other end; and a thermo-insulating and moisture barrier resin sealing said area defined by the difference in distance between

said stanchions and said tubular projections after said connector has been fixedly attached to said printed circuit board;
thereby substantially sealing said terminal pins from corrosion.

[c2] 2.A terminal pin corrosion resistant connector as claimed in Claim 1, wherein said connector body is further characterized as having around the openings of said bores on the body surface adapted for receiving a female plug a raised body surface defining recesses around each of said bores